

Converting Colors

`RYB(146, 185, 166)`

Have a look what the booklet for
RYB(146, 185, 166) contains.

RYB(146, 185, 166)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(146, 185, 166)

Conversions

Conversions Part 1

Format	Color
Hex	A5B992
RGB	165, 185, 146
RGB Percent	65%, 73%, 57%
CMY	0.3529, 0.2745, 0.4275
CMYK	0.11, 0.00, 0.21, 0.27
HSL	91°, 22%, 65%
HSV	91°, 21%, 73%
XYZ	38.0543, 44.7726, 33.8304
YIQ	174.5740, 0.5990, -16.3690

Conversions

Conversions Part 2

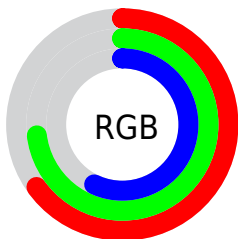
Format	Color
RYB	146, 185, 166
Decimal	10860946
CIELab	72.74, -13.99, 17.54
CIELCh	73, 22.438, 128.572
Yxy	44.7726, 0.3262, 0.3838
Android (android.graphics.Color)	4289051026 (0xFFA5B992)
YUV	174.5740, -14.0870, -8.3964
Hunter-Lab	66.9123, -15.5802, 16.8620

Details

The RYB color **146, 185, 166** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **166, 146, 185**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **200, 241, 221**, and **95, 132, 114** is the 20% darker color. If you saturate the color by 10%, you get **128, 185, 157**, and if you desaturate by 10%, it is **165, 185, 176**.

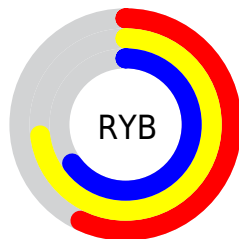
Distribution



Red (65%)

Green (73%)

Blue (57%)



Red (57%)

Yellow (73%)

Blue (65%)

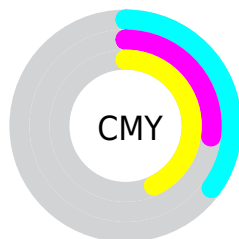


Cyan (11%)

Magenta (0%)

Yellow (21%)

Black (27%)



Cyan (35%)

Magenta (27%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the RYB color 146, 185, 166 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 146, 185, 166 by changing the saturation by 10% instead.


 146, 185, 166

 146, 185, 166


255, 255, 255

 120, 158, 139

 200, 241, 221

 95, 132, 114


 228, 255, 234

 71, 107, 90

 49, 82, 67


 27, 59, 44

 2, 37, 17

 0, 17, 17

 0, 0, 0

 146, 185, 166


 146, 185, 166

 128, 185, 157


 165, 185, 176

 109, 185, 148


 183, 185, 184


 90, 185, 138


 193, 185, 202


 72, 185, 130


 203, 185, 220


 54, 185, 121


 212, 185, 238


 35, 185, 112


 222, 185, 255

 16, 185, 102

 231, 185, 255

 0, 185, 95

 241, 185, 255

 250, 185, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



149, 188, 138



146, 185, 166



142, 174, 189

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



146, 185, 166



136, 166, 216



220, 164, 173

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



146, 185, 166



166, 146, 185

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210, 166, 194



146, 185, 166



162, 174, 219

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



146, 185, 166



122, 159, 203



189, 171, 211



219, 169, 154

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



146, 185, 166



130, 164, 190



189, 171, 211



218, 164, 180

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



146, 185, 166



225, 240, 233



185, 183, 146



111, 120, 115



247, 247, 247



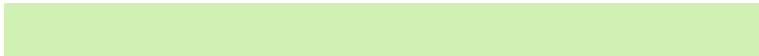
120, 120, 120

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



146, 185, 166



180, 240, 211



146, 185, 185



83, 92, 88



0, 156, 80



0, 28, 14

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



166, 146, 185



211, 180, 240



185, 146, 185



87, 83, 92



80, 0, 156



14, 0, 28

Previews

White Background



This preview shows how the RYB color 146, 185, 166 looks on a white background.

Color Contrast Check

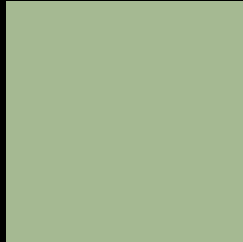
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 146, 185, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

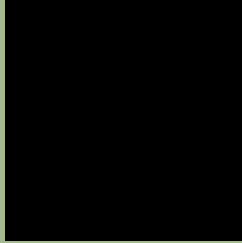
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

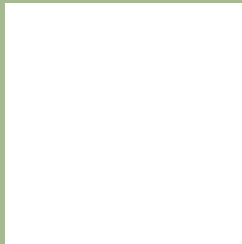
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 146, 185, 166 Background



This preview shows how black text looks on a background with the RYB color 146, 185, 166.



This preview shows how white text looks on a background with the RYB color 146, 185, 166.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
146, 185, 166

Protanopia
157, 189, 143

Deuteranopia
206, 185, 149



Tritanopia
172, 177, 193

Trichromacy



Original Color

146, 185, 166

Protanomaly

144, 181, 145

Deuteranomaly

171, 191, 148

Tritanomaly

169, 177, 181

Monochromacy



Original Color

146, 185, 166

Achromatopsia

175, 175, 175

Achromatomaly

164, 179, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 146, 185, 166 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(165, 185, 146) looks like.

```
.text, #text, p{  
    color:rgb(165, 185, 146)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(165, 185, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 185, 146) }
```

Border

The CSS property to change the border of an element to RYB 146, 185, 166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 185, 146) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(165, 185, 146) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(165, 185, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 185, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 185, 146);  
box-shadow:4px 4px 4px 4px rgb(165, 185,  
146) }
```

Background

The CSS property to change the background color of an element to RYB 146, 185, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 185, 146) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(165,  
185, 146) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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